

Fig. 1

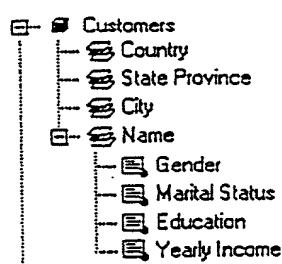


Fig. 2

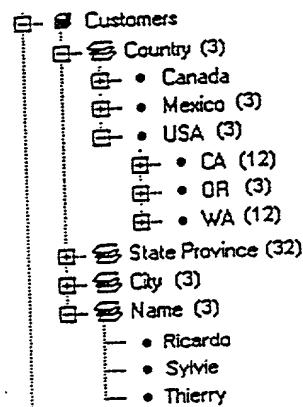


Fig. 3

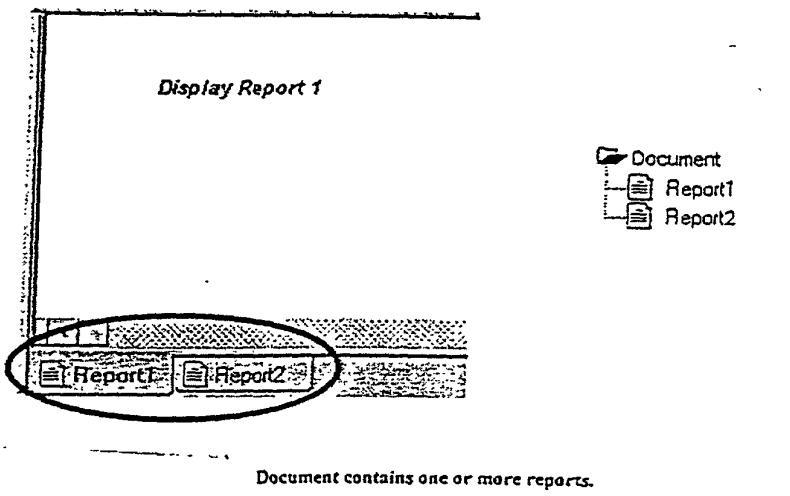


Fig. 4

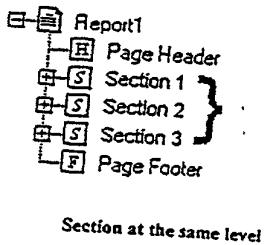


Fig. 5

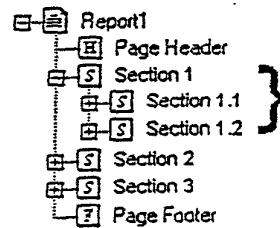


Fig. 6

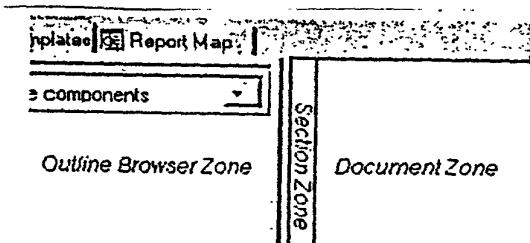


Fig. 7

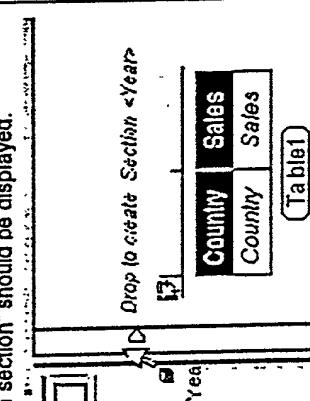
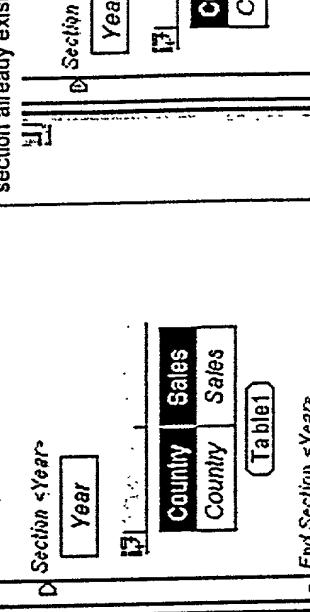
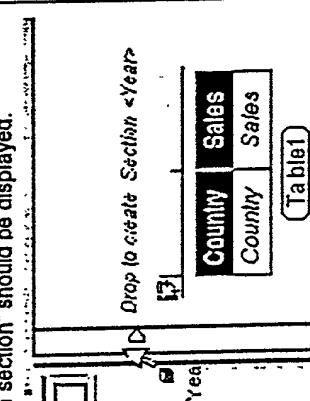
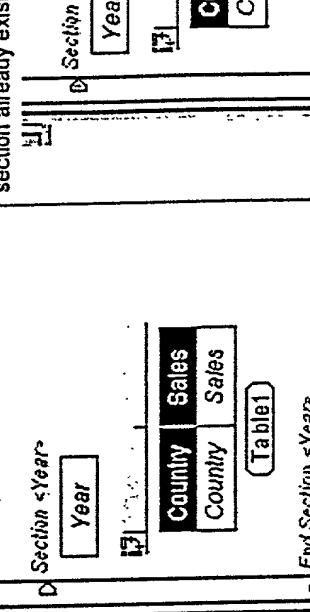
Creating sections				
Action	Document Mode	GUI Action	Reaction – Dropping Objects	Reaction – Dropping Values For more information on filters, see Filters & Rank specification
Dragging & dropping dimension or detail objects or values to the section zone with no existing sections but with an existing block, a line appears to denote where the start of the section will be (note: users cannot drop measures to this zone). Instead of the object icon, a pop up help saying, "Drop here to create a section" should be displayed.	Structure Mode	When dragging dimension or detail objects or values to the section zone with no existing sections but with an existing block, a line appears to denote where the start of the section will be (note: users cannot drop measures to this zone). Instead of the object icon, a pop up help saying, "Drop here to create a section" should be displayed.		
Dragging & dropping dimension or detail objects or values to the section zone with no existing sections but with an existing block (note: users cannot drop measures to this zone)				

Fig. 8

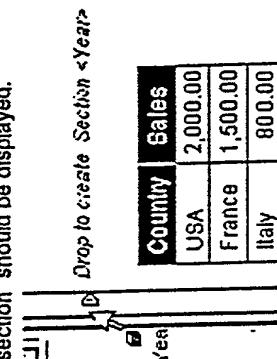
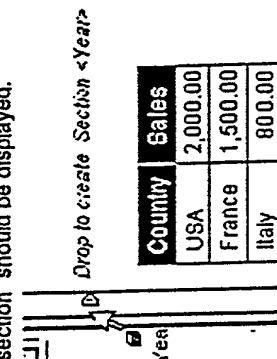
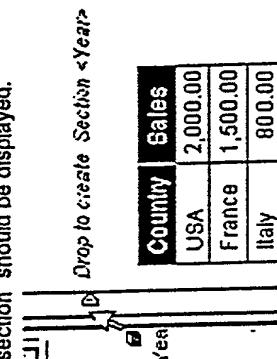
Values Mode	When dragging dimension or detail objects or values to the section zone with no existing sections but with an existing block, a line appears to denote where the start of the section will be (note: users cannot drop measures to this zone). Instead of the object icon, a pop up help saying, "Drop here to create a section" should be displayed.	
	Inserts all dimension or detail object's values (one section for each different object dropped) as sections, which begins before the block and ends after the block. In the case of dropping multiple objects, the second section will begin immediately after the first section and end immediately before the end of the first section. See adding section when section already exists.	 

Fig 9

Action	Result
1) None.	<p>Result</p> <p>$T_1 \quad T_2$</p>
2) DrD level \langle Country \rangle	<p>section <Country></p> <p><u>COUNTRY</u></p> <p>$T_1 \quad T_2 \quad \dots$</p> <p>end section <country></p>
3) DrD member \langle USA \rangle	<p>section <Country></p> <p><u>COUNTRY</u> \mid <u>Y</u></p> <p>$T_1 \quad T_2 \quad \dots$</p> <p>end section <country></p>
4) DrD level \langle STATE \rangle	<p>section <Country></p> <p><u>COUNTRY</u> \mid <u>Y</u></p> <p>$- \quad T_1 \quad T_2 \quad \dots$</p> <p>section <state></p> <p><u>STATE</u></p> <p>$T_1 \quad T_2 \quad -$</p> <p>end section <state></p> <p>end section <Country></p>

Fig 10A

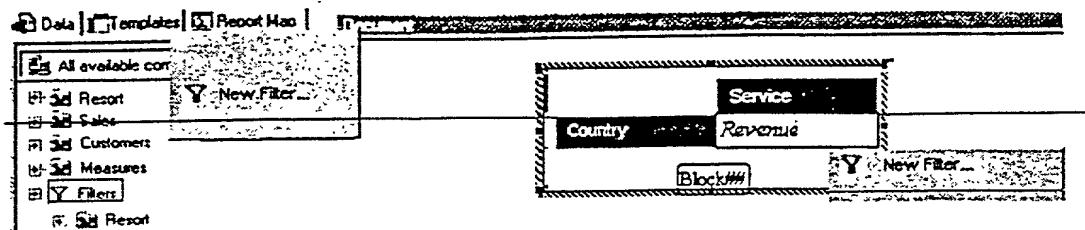
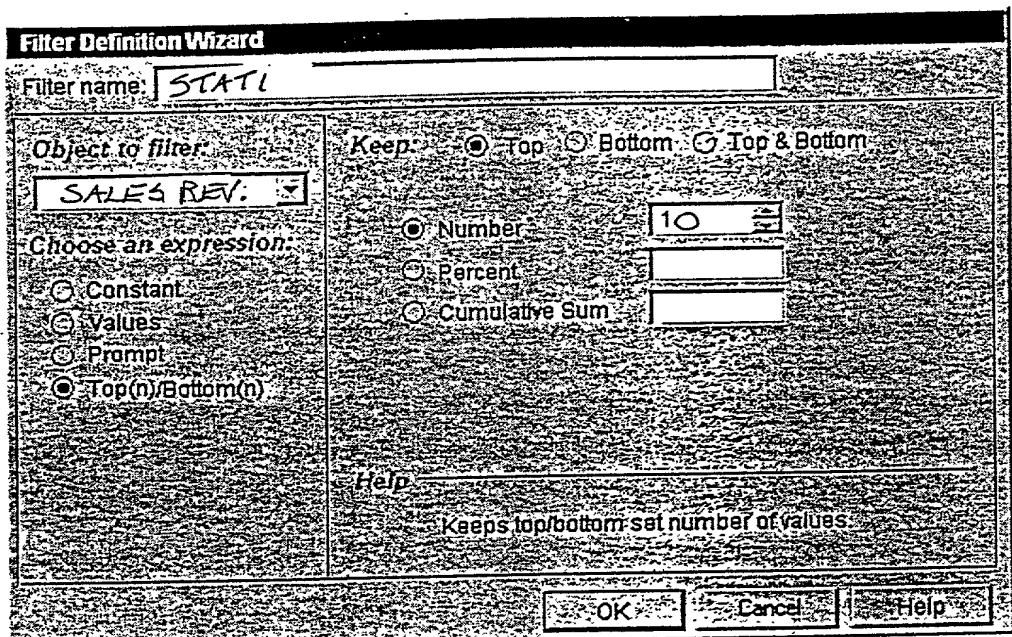


Fig. 10B



Note: The Help section changes depending on the selection (Number, Percent, Cumulative sum).

Property	Help Text
Number	Keeps top/bottom set number of values
Percent	Keeps values until sum is the percentage of total
Cumulative sum	Keeps values until sum is the set value

Fig. 10C

The screenshot shows a Cognos BI interface. On the left, there is a navigation pane with a tree view of data structures:

- Beach
 - Resort
 - Country
 - Resort
 - Service Line
 - Service
 - Sales
 - Sales Person
 - Year
 - Quarter
 - Month
 - Week
 - Invoice Date
 - Customer
 - Reservations
 - Measures
 - Revenue
 - Number of guests
 - Future guests
 - My Predefined Blocks

In the center, there is a report titled "CadenzaReport" containing a table of sales revenue:

Lines	Salesrevenue
Accessories	\$489,556
City Skirts	\$11,072
City Trousers	\$10,935
Dresses	\$110,210
Sum:	\$621,883

At the bottom, there are status messages and a toolbar.

Fig. 11

Year	Sales
1999	100
2000	150
2001	140

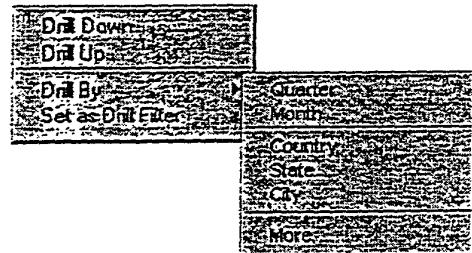


Fig. 12

Fig. 13